

Data File : BN004045.D
Acq On : 17 Dec 2018 20:46
Operator : JU/SJ
Sample : J6236-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E18

Quant Time: Dec 18 04:33:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1407	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7411	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4691	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	694620	0.40	ng/ul	0.10
16) Chrysene-d12	21.50	240	39	0.40	ng/ul	0.09
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.73

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3271	0.29	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

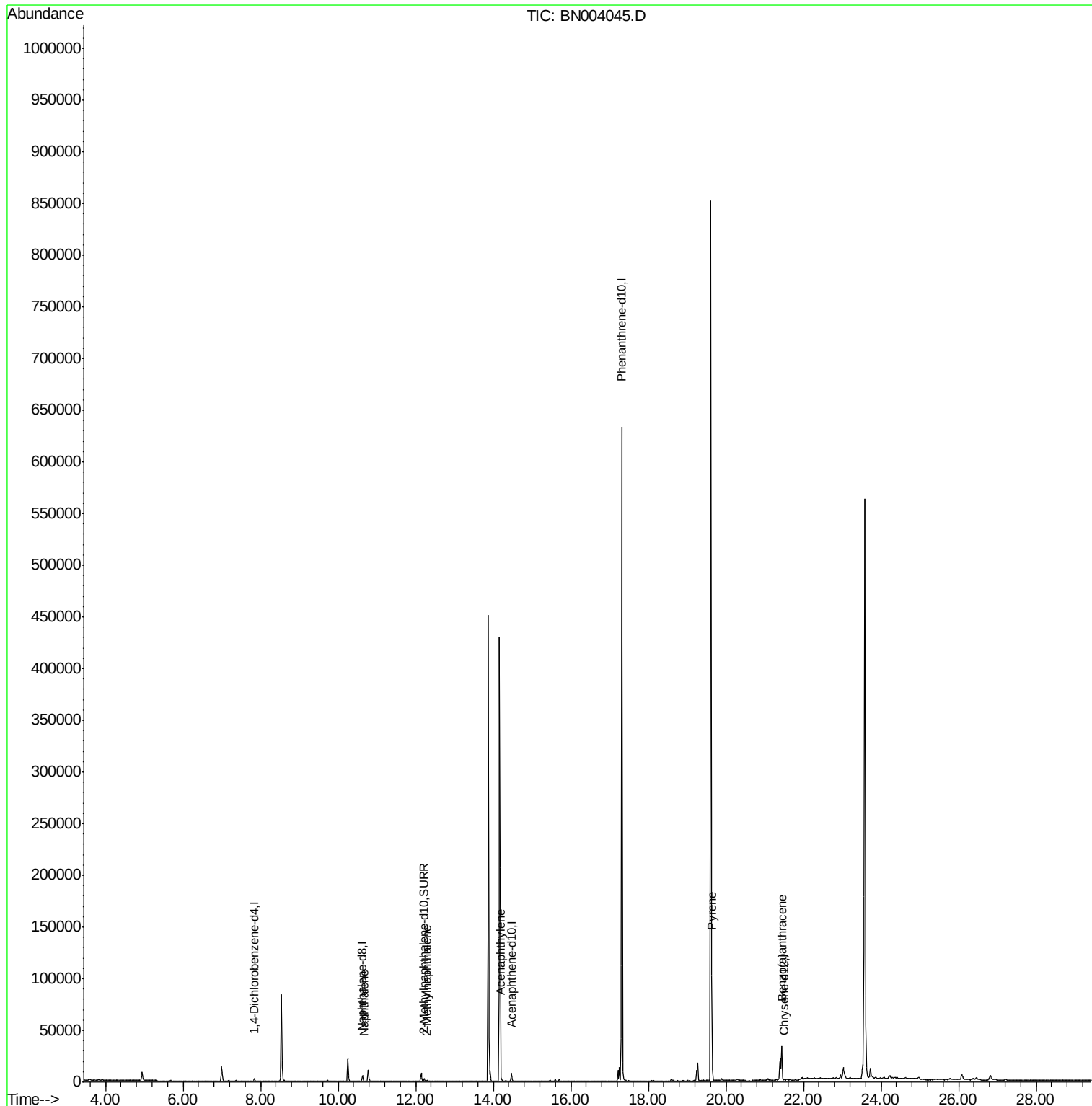
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	432	0.021	ng/ul#	55
5) 2-Methylnaphthalene	12.29	142	596	0.041	ng/ul	99
7) Acenaphthylene	14.19	152	1479	0.070	ng/ul#	87
17) Pyrene	19.64	202	23603	168.741	ng/ul	95
18) Benzo(a)anthracene	21.44	228	32667	265.197	ng/ul	92

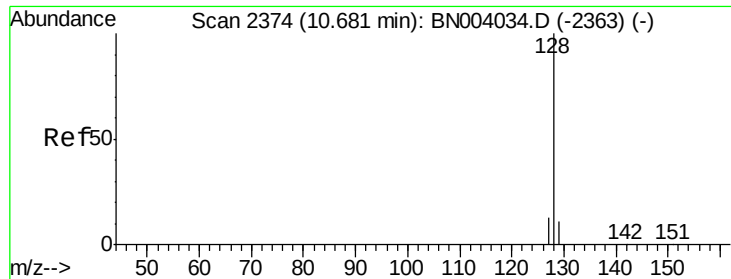
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. -0.01 min

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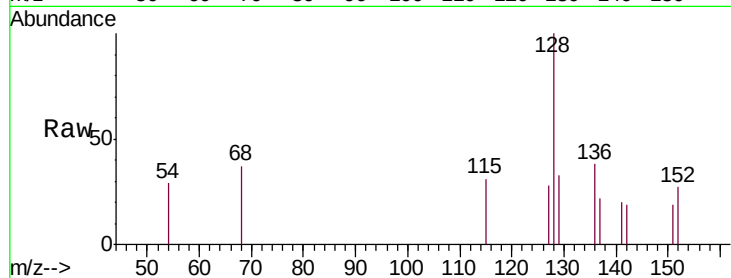
Tgt Ion:128 Resp: 432

Ion Ratio Lower Upper

128 100

129 32.7 9.0 13.6#

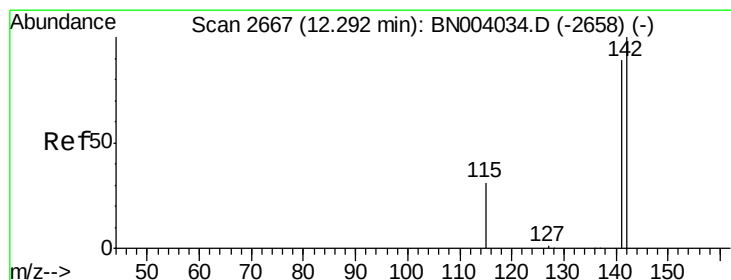
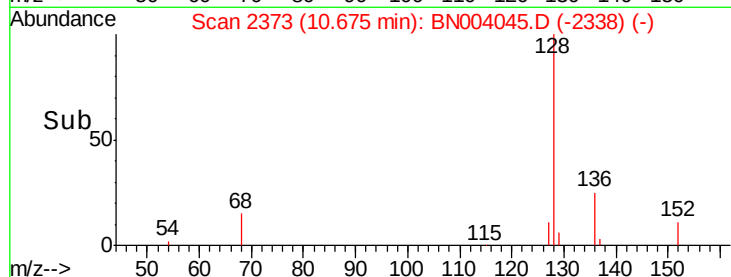
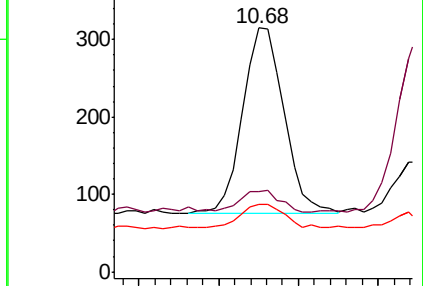
127 27.6 10.5 15.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.041 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN004045.D

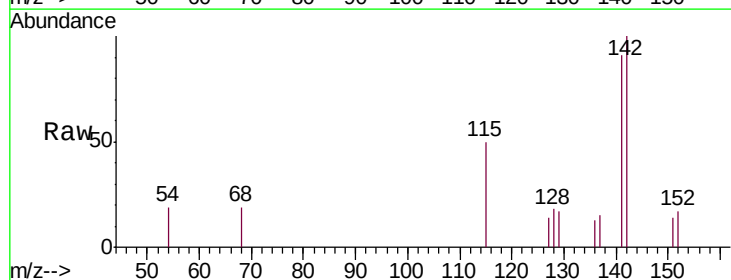
Acq: 17 Dec 2018 20:46

Tgt Ion:142 Resp: 596

Ion Ratio Lower Upper

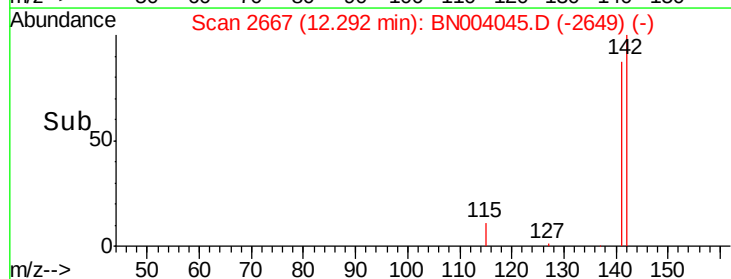
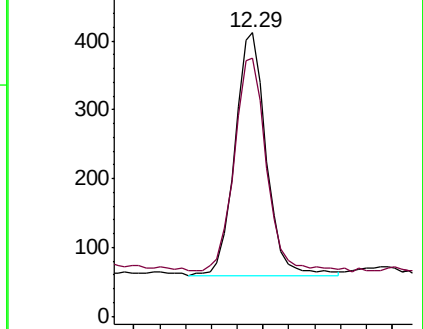
142 100

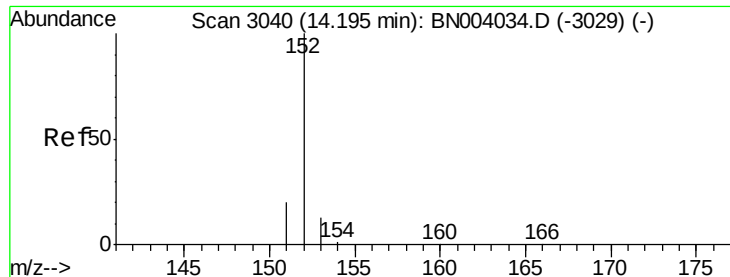
141 90.1 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.070 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. 0.00 min

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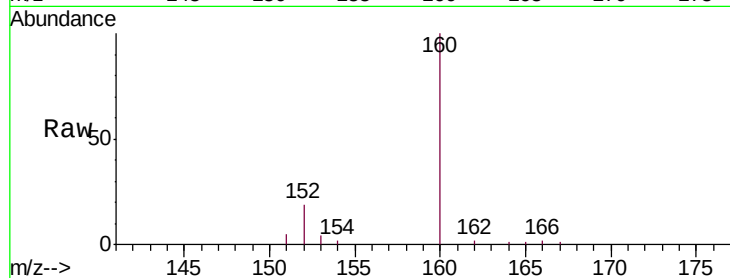
Tgt Ion:152 Resp: 1479

Ion Ratio Lower Upper

152 100

151 25.4 15.9 23.9#

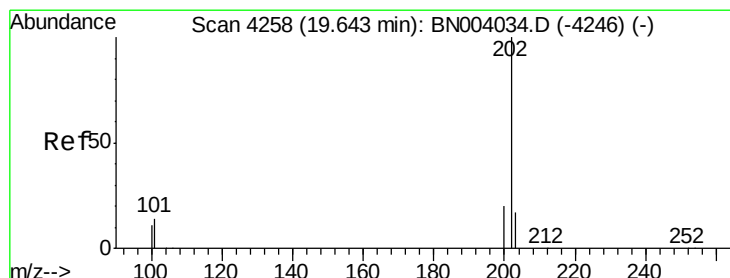
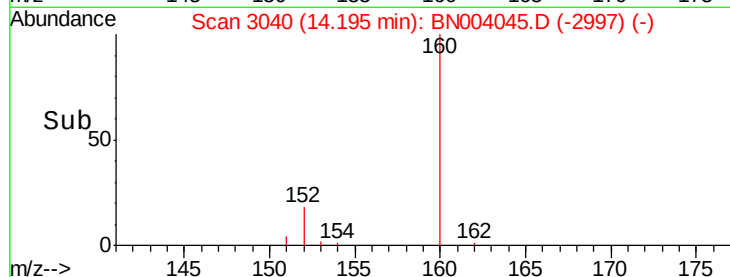
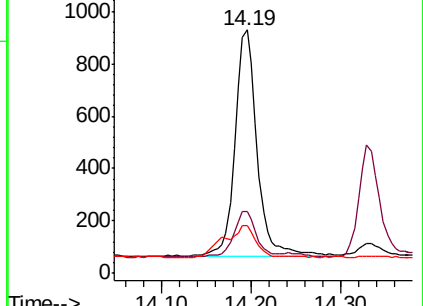
153 19.5 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Pyrene

Concen: 168.741 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

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Acq: 17 Dec 2018 20:46

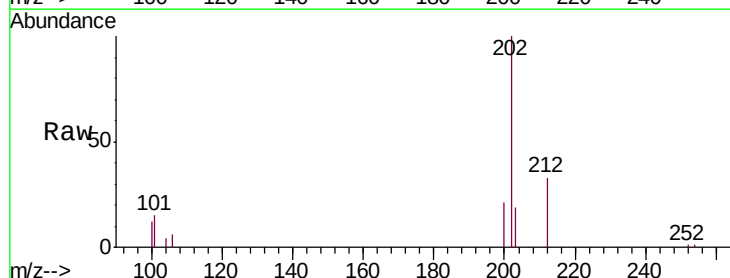
Tgt Ion:202 Resp: 23603

Ion Ratio Lower Upper

202 100

101 15.3 10.3 15.5

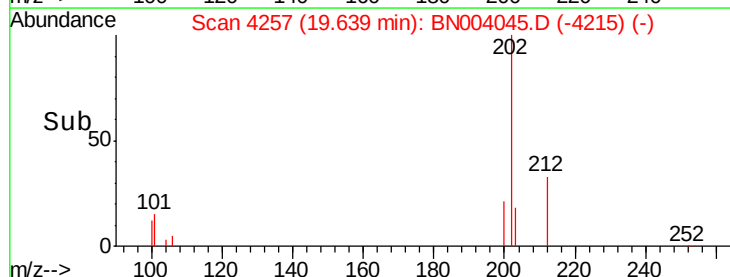
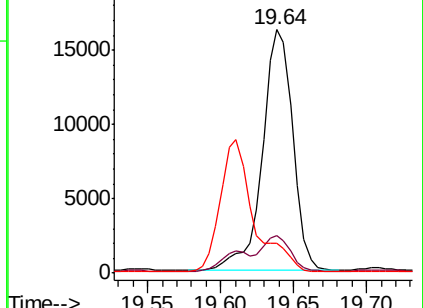
100 12.4 8.5 12.7

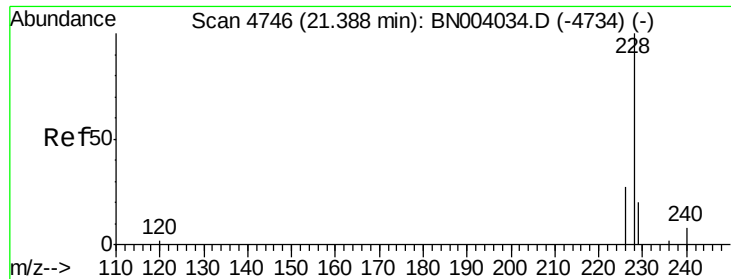


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 265.197 ng/ul

RT: 21.44 min Scan# 4764

Delta R.T. 0.05 min

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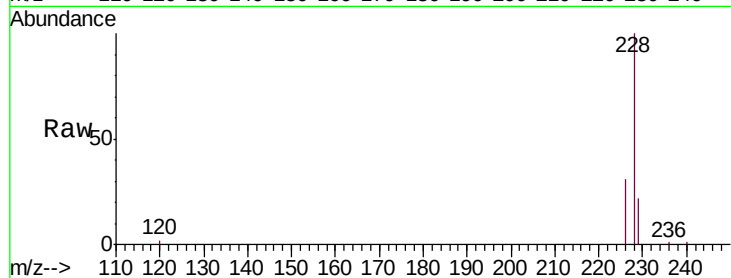
Tgt Ion:228 Resp: 32667

Ion Ratio Lower Upper

228 100

229 22.3 15.6 23.4

226 30.8 21.1 31.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

